## State of California AIR RESOURCES BOARD

## EXECUTIVE ORDER A-3-156 Relating to Certification of New Motor Vehicles

## MERCEDES-BENZ AG

Pursuant to the authority vested in the Air Resources Board by the Health and Safety Code, Division 26, Part 5, Chapter 2; and

Pursuant to the authority vested in the undersigned by Health and Safety Code Sections 39515 and 39516 and Executive Order G-45-9;

IT IS ORDERED AND RESOLVED: That 1996 model-year Mercedes-Benz AG exhaust emission control systems are certified as described below for passenger cars:

Fuel Type: Gasoline

Engine Family: TMB3.2VJGFEK Displacement: 3.2 Liters (195 Cubic Inches)

Exhaust Emission Control Systems and Special Features:

Secondary Air Injection Exhaust Gas Recirculation Three Way Catalytic Converter Heated Oxygen Sensors (two) Sequential Multiport Fuel Injection

Vehicle models, transmissions, engine codes and evaporative emission control families are listed on attachments.

The certification exhaust emission standards for this engine family in grams per mile are:

Miles_	Non-Methane Hydrocarbons	Carbon <u>Monoxide</u>	Nitrogen <u>Oxides</u>	Carbon <u>Monoxide (20<sup>0</sup>F)</u>	
50,000	0.25	3.4	0.4	10.0	
100,000	0.31	4.2	0.6	n/a	

The certification exhaust emission values for this engine family in grams per mile are:

Miles	Non-Methane Hydrocarbons	Carbon <u>Monoxide</u>	Nitrogen <u>Oxides</u>	Carbon <u>Monoxide (20<sup>0</sup>F)</u>	
50,000	0.08	0.6	0.1	3.4	
100,000	0.08	0.6	0.1	n/a	

BE IT FURTHER RESOLVED: That the vehicle manufacturer is certifying the listed vehicle models to the aforementioned exhaust emission standards based on its submitted plan to comply with the fleet average non-methane organic gas (NMOG) exhaust mass emission requirements as set forth in "California Exhaust Emission Standards and Test Procedures for 1988 and Subsequent Model Passenger Cars, Light-Duty Trucks, and Medium-Duty Vehicles".

BE IT FURTHER RESOLVED: That under the submitted NMOG fleet average compliance plan, if the manufacturer incurs a NMOG debit for the aforementioned model year based on the projected NMOG fleet average exceeding the value required by the above-referenced standards and test procedures, all incurred NMOG debits by the manufacturer shall be equalized as required by the standards and test procedures.

BE IT FURTHER RESOLVED: That the vehicle manufacturer is certifying the listed vehicle models to the running loss and useful life standards applicable to 1995 and subsequent model-year vehicles in the "California Evaporative Emission Standards and Test Procedures for 1978 and Subsequent Model Motor Vehicles", and the listed vehicle models comply with those standards.

BE IT FURTHER RESOLVED: That the listed vehicle models also comply with the Board's "Specifications for Fill Pipes and Openings of Motor Vehicle Fuel Tanks" for the aforementioned model year (Title 13, California Code of Regulations, Section 2235).

BE IT FURTHER RESOLVED: That the listed vehicle models also comply with the Board's high-altitude requirements and highway emission standards, and with the California Inspection and Maintenance emission standards in place at the time of certification, as stipulated in "California Exhaust Emission Standards and Test Procedures for 1988 and Subsequent Model Passenger Cars, Light-Duty Trucks, and Medium-Duty Vehicles".

BE IT FURTHER RESOLVED: That the listed vehicle models also comply with the "California Motor Vehicle Emission Control Label Specifications" for the aforementioned model year (Title 13, California Code of Regulations, Section 1965).

BE IT FURTHER RESOLVED: That the listed vehicle models also comply with the "Malfunction and Diagnostic System Requirements--1994 and Subsequent Model-Year Passenger Cars, Light-Duty Trucks, and Medium-Duty Vehicles and Engines" (Title 13, California Code of Regulations, Section 1968.1) for the aforementioned model year.

BE IT FURTHER RESOLVED: That for the listed vehicles, the manufacturer has submitted and the Executive Officer hereby approves the materials to demonstrate certification compliance with the Board's emission control system warranty provisions (Title 13, California Code of Regulations, Section 2035 et seq.).

Vehicles certified under this Executive Order must conform to all applicable California emission regulations.

The Bureau of Automotive Repair will be notified by copy of this order and attachment.

Executed at El Monte, California this  $\frac{27}{20}$  day of September 1995.

R. B. Summerfield Assistant Division Chief Mobile Source Division

## 199 6 MODEL-YEAR AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET PASSENGER CARS, LIGHT-DUTY TRUCKS AND MEDIUM-DUTY VEHICLES

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Manufacturer:	Mercedes-Benz	Ex	ch Eng Fam	1: IMB3.2	VJGFEK E	vap ram: 11.0011	
All Eng Codes	in Eng Fam: CA	49	os	50S_X_	AB965		
Evh Std. CA	Tier-1 X TLE	EV	LEV	ULEY_	ZEV	_; US EPA	Tier-l <u>X</u>
Evan Std: 50	K Useful Lif	fe with R/	'L <u>X</u> In	ı-Use Ex	ch Std: Full	In Use A Alt	: In Use
Veh Class(es)	: PC X LDT1	LDT2	MDV1	ነ	MDV2MDV3	MDV4	
Single Cert S	td for Multi-Clas	s Eng Fan	n: <u>N/A</u> (	specify	/: N/A, LDT1,	MDV1, MDV2, M	1DV3, MDV4)
Fuel Type(s):	Dedicated 🗶 📗	Flex-Fuel_	Dual-	Fuel	Bi-Fuel	Gasoline <u>X</u>	Diesel
	CNG ING	LPG	M85 C	ther (s	specify)		
Emiss Test Fu	el(s): Indo X	Ph2 C	NGLF	PG N	185 Other	(specify)	
	Diesel:	13 CCR 22	282	40 C	R 86.113-90 <u> </u>	40 CFR 86	5.113-94
Service Accum	n: Std AMA X	Mod AMA	Mfr A	ADP	Other (speci	fy)	
NMOG Test Pro	cedure: N/A X	Std	Equiv_		R/L Test Proc:	SHED P1	Source_x_
Nubeid: Type	A R C.	APU Cvc	le (e.g.,	Otto, [	Diesel, Turbin	e):	
Engine Confid	uration: L-6	Displacer	nent: 3.2		Liters	. <del>93</del> /tl	TDIC Inches
Values ner Cu	/linder: 4		Rated	յ HP: <u>2</u>	28	@ <u>2600</u>	KPM
Engine: From	at X Mid	Rear	Drive	e: FWD <sub>.</sub>	RWD <u>X</u> _	4WU-F1	1WD-PT
wust ECS (	e.g., MFI, EGR,	TC, CAC):	SFI/AIR/	EGR/HO2	S(2)/TWC <del>/UBD11</del>		
	•		ţu.	SC WDDI	54 140 10 HO		
Engine Code	Vehicle Models	Trans.	ETW	DPA	Ignition	EGR System Part No.	Catalytic
(also list	Vehicle Models (if coded see attachment)	(M5, A4	or Tost Wt	07 QH 19	(ECM/PCM) Part No.	System Part No.	Part No.
CA/4951/5051	<u>attachment)</u>	e.c.j	IESU HU.	KEIII	1410 110		
M104-32B	E320	A4	4000	5.7	0185457632	002 140 1360	210 490 1414
M104-228	2320			:			
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Date Issued:							

Revisions: